DDM03-027

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- 1. An apparatus for moving a battery relative to a shelf unit; the apparatus comprising: 1 (a) a motion generating unit; said motion generating unit presenting a first force at 2 a first output locus; said first force being manifested in a first motion type; 3 (b) a motion translating unit coupled with said first output locus for receiving said 4 first force; said motion translating unit translating said first force to present a 5 second force related to said first force at a second output locus; said second force 6 being manifested in a second motion type; 7 (c) a battery engaging structure coupled with said second output locus for 8 9 applying said second force to said battery; and (d) a substantially rigid frame supporting said motion generating unit and said 10 11 motion translating unit; said frame adapted to cooperate with a said shelf unit to substantially fixedly situate said frame during said moving; 12
 - 2. An apparatus for moving a battery as recited in Claim 1 wherein said first motion type

is rotary motion and wherein said second motion type is linear motion.

said moving being effected in a generally vertical axis in response to said second force.

- 3. An apparatus for moving a battery as recited in Claim 1 wherein said motion
 generating unit responds to a force generating unit; said force generating unit being an
 integral portion of said motion generating unit.
- 4. An apparatus for moving a battery as recited in Claim 1 wherein said motion
 generating unit responds to a force generating unit; said force generating unit being a
 separate device from said motion generating unit and configured for connection with
 said motion generating unit to impart an initiating force to said motion generating
 unit; said first force being related to said initiating force.
- 5. An apparatus for moving a battery as recited in Claim 3 wherein said force generating unit is a manually operated force generating unit.

- 6. An apparatus for moving a battery as recited in Claim 3 wherein said force generating
 unit is an electrically operated force generating unit.
- 7. An apparatus for moving a battery as recited in Claim 6 wherein said force generating unit is battery powered.
- 8. An apparatus for moving a battery as recited in Claim 1 wherein said motion
 translating unit is a hydraulic ram device.
- 9. An apparatus for moving a battery as recited in Claim 1 wherein said motion
 translating unit is a screw jack device.
- 1 10. An apparatus for moving a battery as recited in Claim 9 wherein said motion
- 2 translating unit further includes a cable-and-pulley device coupled with said screw
- 3 jack device.
- 1 11. An apparatus for moving a battery as recited in Claim 1 wherein said frame is
- 2 configured in a telescoping structure to effect moving said battery in a generally
- 3 horizontal axis.
- 1 12. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- 2 telecommunication facility; the apparatus comprising:
- 3 (a) a motion generating unit; said motion generating unit presenting a first force at
- a first output locus; said first force being manifested in a first motion type;
- 5 (b) a motion translating unit coupled with said first output locus for receiving said
- first force; said motion translating unit translating said first force to present a
- 7 second force related to said first force at a second output locus; said second force
- 8 being manifested in a second motion type;

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- 11 -

- 9 (c) a battery engaging structure coupled with said second output locus for
 10 applying said second force to said battery; and
 11 (d) a substantially rigid frame supporting said force generating unit and said
 12 motion translating unit; said frame cooperating with said shelf structure to
 13 substantially fixedly situate said frame during said moving;
- said moving being effected in a generally vertical axis in response to said second force.
- 1 13. An apparatus for moving a lead-acid battery as recited in Claim 12 wherein said first 2 motion type is rotary motion and wherein said second motion type is linear motion.
- 1 14. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- 2 telecommunication facility as recited in Claim 12 wherein said motion generating unit
- 3 is a manually operated motion generating unit.
- 1 15. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- telecommunication facility as recited in Claim 12 wherein said motion generating unit
- is an electrically operated motion generating unit.
- 1 16. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- 2 telecommunication facility as recited in Claim 15 wherein said motion generating unit
- 3 is battery powered.
- 1 17. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- 2 telecommunication facility as recited in Claim 12 wherein said motion translating unit
- 3 is a hydraulic ram device.
- 1 18. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- telecommunication facility as recited in Claim 12 wherein said motion translating unit
- 3 is a screw jack device.

DDM03-027

- 12 -

- 1 19. An apparatus for moving a lead-acid battery situated on a shelf structure in a
- telecommunication facility as recited in Claim 12 wherein said frame is configured in
- a telescoping structure to effect moving said battery in a generally horizontal axis.

1